

Evaluated environmental indicators - Nitra region

GROUNDWATER

$I_{ER_{gw}}$ - index of environmental risk for groundwater;
 groundwater quality: no pollution 0; low pollution $>0 \leq 1$; medium pollution $>1 \leq 5$; high pollution $>5 \leq 10$; very high pollution >10 ;
 excess of limits for drinking water for Ca, Mg, Ca+Mg - **green** color value below lower limit, **red** color higher than upper limit

limit value: NV MZ SR 496/2010

municipality	environmental indicators exceeding limit values	$I_{ER_{gw}}$	water quality
district Komárno			
Bajč	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	3.732	medium pollution
Bátorove Kosihy	Ca+Mg , Fe, NO ₃	2.120	medium pollution
Bodza	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn	5.993	high pollution
Bodzianske Lúky	ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn	13.449	very high pollution
Brestovec	Ca+Mg, Mg , Fe, Mn	8.174	high pollution
Búč	MIN, ChSK _{Mn} , Ca+Mg, Mg , Mn, NO ₃	2.264	medium pollution
Čalovec	MIN, Ca+Mg, Mg , Fe, Mn	13.654	very high pollution
Chotín	MIN, ChSK _{Mn} , Ca+Mg, Mg , Mn, NO ₃	4.193	medium pollution
Čičov	Mg , Fe, Mn, Hg	11.532	very high pollution
Dedina Mládeže	ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn	19.006	very high pollution
Dulovce	MIN, Ca+Mg, Mg , NO ₃	3.434	medium pollution
Holiare	Ca+Mg, Mg , Fe, Mn, NH ₄	4.888	medium pollution
Hurbanovo	Ca+Mg, Mg , Mn, NO ₃	3.733	medium pollution
Imeľ	Ca+Mg, Mg , Fe, Mn, NO ₃	8.212	high pollution
Iža	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn , SO ₄ , NO ₃	3.830	medium pollution
Kameničná	MIN, Ca+Mg, Mg , Fe, Mn	13.724	very high pollution
Klížska Nemá	ChSK _{Mn} , Mg , Fe, Mn	12.072	very high pollution
Kolárovo	ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn, NH ₄	13.323	very high pollution
Komárno	MIN, Mg , Fe, Mn	5.885	high pollution
Kravany nad Dunajom	MIN, ChSK _{Mn} , Ca+Mg, Mg , Mn, SO ₄ , NO ₃	2.615	medium pollution
Lipové	ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn	6.079	high pollution
Marcelová	ChSK _{Mn} , Ca+Mg, Mg , Mn, NO ₃	4.630	medium pollution
Martovce	Mg , Mn	9.666	high pollution
Moča	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	3.971	medium pollution
Modrany	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	4.308	medium pollution
Mudroňovo	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	2.949	medium pollution
Nesvady	MIN, Ca+Mg, Mg , Fe, Mn	12.222	very high pollution
Okoličná na Ostrove	MIN, ChSK _{Mn} , Mg , Fe, Mn	7.211	high pollution
Patince	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn, SO ₄ , NO ₃	5.591	high pollution
Pribeta	MIN, Ca+Mg, Mg , NO ₃	2.764	medium pollution
Radvaň nad Dunajom	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	4.798	medium pollution
Sokolce	ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn	9.019	high pollution
Šrobárová	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	4.036	medium pollution
Svätý Peter	MIN, Ca+Mg, Mg , Mn, NO ₃	3.359	medium pollution

SOIL

I_{ERs} - index of environmental risk for soil;
 soil quality: no pollution 0; low pollution $>0 \leq 1$; medium pollution $>1 \leq 5$; high pollution $>5 \leq 10$; very high pollution >10

limit value: law No. 220/2004, sandy-loamy, loamy soil type

environmental indicators exceeding limit values	I_{ERs}	soil quality
district Komárno		
Cr	0.097	low pollution
Cr	0.085	low pollution
Cr	0.036	low pollution
Cr	0.129	low pollution
Cr	0.075	low pollution
Cr	0.042	low pollution
Cr	0.048	low pollution
Cr	0.030	low pollution
	0.000	no pollution
Cr	0.285	low pollution
Cr	0.127	low pollution
	0.000	no pollution
Cr	0.060	low pollution
Cr	0.095	low pollution
Cd, Co	1.363	high pollution
Cr	0.090	low pollution
	0.000	no pollution
Cr	0.200	low pollution
Cr	0.011	low pollution
Cr	0.008	low pollution
Cr	0.048	low pollution
	0.000	no pollution
Cr	0.136	low pollution
	0.000	no pollution
Cr	0.035	low pollution
Cr	0.075	low pollution
Cr	0.222	low pollution
Cr	0.001	low pollution
Cd, Co	0.867	medium pollution
Cr	0.170	low pollution
	0.000	no pollution
Cr	0.086	low pollution
Cr	0.037	low pollution
Cr	0.095	low pollution

Evaluated environmental indicators - Nitra region

GROUNDWATER

I_{ER_{GW}} - index of environmental risk for groundwater;
 groundwater quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10;
 excess of limits for drinking water for Ca, Mg, Ca+Mg - **green** color value below lower limit, **red** color higher than upper limit

limit value: NV MZ SR 496/2010

Tôň	Mg, Fe, Mn, NH ₄	4.144	medium pollution
Trávník	Mg, Fe, Mn	11.046	very high pollution
Veľké Kosihy	MIN, ChSK _{Mn} , Fe, Mn, NO ₃	5.057	high pollution
Virt	MIN, Ca+Mg, Mg, Fe, Mn, SO ₄ , NO ₃	5.287	high pollution
Vrbová nad Váhom	Mg, Fe, Mn	9.266	high pollution
Zemianska Oľča	ChSKMn, Ca+Mg, Mg, Fe, Mn	6.312	high pollution
Zlatná na Ostrove	MIN, Mg, Fe, Mn	6.507	high pollution
district Levice			
Bajka	MIN, ChSK _{Mn} , Ca+Mg, Mg, Fe, Mn, NO ₃	2.165	medium pollution
Bátovce		0.000	no pollution
Beša	Ca+Mg, Mg, NO ₃	0.753	low pollution
Bielovce	MIN, Ca+Mg, Mg, Fe, Mn, NO ₃	9.478	high pollution
Bohunice		0.000	no pollution
Bory	Fe, Mn, NO ₃	3.968	medium pollution
Brhlovce	Mg, Fe, Mn, NO ₃	3.307	medium pollution
Čajkov		0.000	no pollution
Čaka	Ca+Mg, Mg, NO ₃	0.937	low pollution
Čata	MIN, Ca+Mg, Mg, Fe, Mn, NO ₃	4.578	medium pollution
Demandice	ChSK _{Mn} , Mg, Fe, Mn	21.833	very high pollution
Devičany		0.000	no pollution
Dolná Seč	Ca+Mg, Mg, Mn, NO ₃	1.040	medium pollution
Dolné Semerovce	Mg, Fe, Mn	13.085	very high pollution
Dolný Pial	MIN, Ca+Mg, Mg, Mn, NO ₃	0.830	low pollution
Domadice	Fe, Mn, NO ₃	5.958	high pollution
Drženice	NO ₃	0.446	low pollution
Farná	Ca+Mg, Mg, Mn, NO ₃	1.836	medium pollution
Hokovce	Fe, Mn,	8.612	high pollution
Hontianska Vrbica	Mg, Fe, Mn	9.430	high pollution
Hontianske Trst'any	Fe, Mn	4.711	medium pollution
Horná Seč	Mg, Mn, NO ₃	0.655	low pollution
Horné Semerovce	Mg, Fe, Mn, NO ₃	8.252	high pollution
Horné Turovce	Mn, NO ₂ , NO ₃ , Cr	4.285	medium pollution
Horný Pial	MIN, Ca+Mg, Mg, NO ₃	1.141	medium pollution
Hrkovce	ChSK _{Mn} , Mg, Fe, Mn	25.573	very high pollution
Hronovce	MIN, Ca+Mg, Mg, Fe, Mn, NO ₃	4.217	medium pollution
Hronské Kľačany	Mg, Mn, NO ₃	2.552	medium pollution
Hronské Kosihy	Mg, Mn, NO ₃	1.457	medium pollution

SOIL

I_{ER_S} - index of environmental risk for soil;
 soil quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10

limit value: law No. 220/2004, sandy-loamy, loamy soil type

	0.000	no pollution
	0.000	no pollution
	0.000	no pollution
Cd,	0.184	low pollution
Cr	0.163	low pollution
Cr	0.021	low pollution
	0.000	no pollution
Cr	0.197	low pollution
	0.000	no pollution
Co, Cr	0.449	low pollution
Cr	0.025	low pollution
Cd,	1.462	high pollution
Cr	0.122	low pollution
Cr	0.125	low pollution
Cd,	7.218	very high pollution
Cr	0.306	low pollution
Cr	0.029	low pollution
Cr	0.054	low pollution
Cd,	3.044	high pollution
	0.000	no pollution
Cd, Cr, Pb, Zn	1.631	high pollution
Cr	0.269	low pollution
Cr	0.163	low pollution
Cd, Cr	0.226	low pollution
Cr	0.299	low pollution
Cd, Cr, Pb, Zn	1.473	high pollution
Cd, Co	1.104	high pollution
Cr	0.102	low pollution
	0.000	no pollution
Cd, Cr, Pb, Zn	2.884	high pollution
Cr	0.072	low pollution
Cr	0.232	low pollution
Cd, Cr, Pb, Zn	1.084	high pollution
Cr	0.016	low pollution
	0.000	no pollution
Cd,	5.383	very high pollution

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 excess of limits for drinking water for Ca, Mg, Ca+Mg - **green** color value below lower limit, **red** color higher than upper limit

limit value: NV MZ SR 496/2010

Iňa	Ca+Mg, Mg, NO ₃	0.860	low pollution
Ipeľské Úľany	Mn	1.316	medium pollution
Ipeľský Sokolec	MIN, ChSK _{Mn} , Ca+Mg, Mg, Mn, NO ₃	11.956	very high pollution
Jabloňovce		0.000	no pollution
Jesenské	Ca+Mg, Mg, NO ₃	0.844	low pollution
Jur nad Hronom	Ca+Mg, Mg, Fe, Mn	4.115	medium pollution
Kalná nad Hronom	Mg, NO ₃	0.658	low pollution
Keť	Mg, NO ₃	1.037	medium pollution
Kozárovce	Mg, Mn, NO ₃	2.645	medium pollution
Krškany	Mg, Fe, Mn, NO ₃	3.489	medium pollution
Kubáňovo	Ca+Mg, Mg, Fe, Mn, NO ₃	7.427	high pollution
Kukučínov	MIN, ChSK _{Mn} , Ca+Mg, Mg, Mn, NO ₃	6.499	high pollution
Kuraľany	Ca+Mg, Mg, NO ₃	1.485	medium pollution
Levice	Mg, Fe, Mn, NO ₃	3.485	medium pollution
Lok	MIN, Ca+Mg, Mg, NO ₃	1.455	medium pollution
Lontov	MIN, Ca+Mg, Mg, Fe, Mn, NO ₃	9.802	high pollution
Lula	Ca+Mg, Mg, NO ₃	0.734	low pollution
Málaš	Ca+Mg, Mg, NO ₃	0.871	low pollution
Malé Kozmálovce	Mg, Mn, NO ₃ , As	6.995	high pollution
Malé Ludince	MIN, Ca+Mg, Mg, Fe, Mn, NO ₃	6.533	high pollution
Mýtne Ludany	Mg, Fe, Mn	10.396	very high pollution
Nová Dedina	Mg, NO ₃	0.656	low pollution
Nový Tekov	Mg, Mn, NO ₃	2.249	medium pollution
Nýrovce	Mg, Mn, NO ₃	0.679	low pollution
Ondrejovce	MIN, ChSK _{Mn} , Ca+Mg, Mg, Fe, Mn, NO ₃	2.579	medium pollution
Pastovce	MIN, Ca+Mg, Mg, Fe, Mn, NO ₃	5.508	high pollution
Pečenice		0.000	no pollution
Plášťovce	Fe, Mn, Cr	2.801	medium pollution
Plavé Vozokany	Ca+Mg, Mg, NO ₃	0.484	low pollution
Podlužany	Mg, Mn, NO ₃	1.173	medium pollution
Pohronský Ruskov	MIN, Ca+Mg, Mg, Fe, Mn, NO ₃	1.754	medium pollution
Pukanec		0.000	no pollution
Rybník	Mn	2.169	medium pollution
Šahy	ChSK _{Mn} , Mg, Fe, Mn, NO ₂	15.009	very high pollution
Šalov	MIN, Ca+Mg, Mg, Fe, Mn, NO ₃	10.979	very high pollution
Santovka	ChSK _{Mn} , Mg, Fe, Mn	11.940	very high pollution

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Cr	0.208	low pollution
	0.000	no pollution
Cr	0.072	low pollution
Cd,	1.458	high pollution
Cr	0.218	low pollution
	0.000	no pollution
Cd, Cr	0.619	medium pollution
Cr	0.212	low pollution
Cd, Cr	13.652	very high pollution
Cr	0.102	low pollution
Cr	0.071	low pollution
	0.000	no pollution
Cr	0.276	low pollution
Cr	0.002	low pollution
Cr	0.211	low pollution
Cr	0.030	low pollution
Co, Cr	1.142	high pollution
Cr	0.320	low pollution
Cd, Hg	13.278	very high pollution
	0.000	no pollution
Co	0.191	low pollution
Cd, Cr	2.620	high pollution
Cd,	2.905	high pollution
Cr	0.267	low pollution
Cr	0.217	low pollution
	0.000	no pollution
Cd,	0.711	medium pollution
	0.000	no pollution
Cr	0.318	low pollution
Cd, Cr	0.309	low pollution
Cr	0.011	low pollution
Cd,	2.344	high pollution
Cd,	13.138	very high pollution
Cr	0.132	low pollution
	0.000	no pollution
Co, Cr	0.171	low pollution

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limit value: NV MZ SR 496/2010

Šarovce	Ca+Mg, Mg, Mn, NO ₃	2.030	medium pollution
Sazdice	Mg, Fe, Mn,	8.958	high pollution
Sikenica	MIN, ChSK _{Mn} , Ca+Mg, Mg, Fe, Mn, NO ₃	11.008	very high pollution
Slatina	Mg, Fe, Mn, NO ₃ , Cr	4.919	medium pollution
Starý Hrádok	Mg, Mn	6.209	high pollution
Starý Tekov	Mg, Mn	4.848	medium pollution
Tehla	Ca+Mg, Mg, NO ₃	0.544	low pollution
Tekovské Lužany	MIN, Ca+Mg, Mg, Mn, NO ₃	1.705	medium pollution
Tekovský Hrádok	MIN, ChSK _{Mn} , Ca+Mg, Mg, Mn, NO ₃	2.539	medium pollution
Tlmače	Mn	6.613	high pollution
Tupá	ChSK _{Mn} , Ca+Mg, Mg, Fe, Mn, NO ₃ , Cr	14.682	very high pollution
Turá	MIN, ChSK _{Mn} , Ca+Mg, Mg, Mn, NO ₃	2.274	medium pollution
Uhliská	Mg, Fe	0.025	low pollution
Veľké Kozmálovce	Mg, Mn	8.141	high pollution
Veľké Ludince	Ca+Mg, Mg, NO ₃	1.061	medium pollution
Veľké Turovce	Mg, Fe, Mn, NO ₂ , NO ₃ , Cr	18.289	very high pollution
Veľký Ďur	Mg, NO ₃	0.627	low pollution
Vyškovce nad Ipľom	ChSK _{Mn} , Mg, Fe, Mn	11.597	very high pollution
Vyšné nad Hronom	MIN, Ca+Mg, Mg, Mn, NO ₃	1.305	medium pollution
Zalaba	MIN, Ca+Mg, Mg, Fe, Mn, NO ₃	4.993	medium pollution
Zbrojničky	ChSK _{Mn} , Mg, Fe, Mn	9.919	high pollution
Želiezovce	MIN, Ca+Mg, Mg, Fe, Mn, NO ₃	3.870	medium pollution
Žemberovce	Fe, NO ₃	0.461	low pollution
Žemliare	Ca+Mg, Mg, Mn, NO ₃	1.897	medium pollution
district Nitra			
Alekšince	Ca+Mg, Mg, NO ₃	1.185	medium pollution
Báb	Ca+Mg, Mg, Mn, NO ₂ , NO ₃	1.916	medium pollution
Babindol	MIN, Ca+Mg, Mg, NO ₃	1.328	medium pollution
Branč	MIN, ChSK _{Mn} , Ca+Mg, Mg, Fe, Mn, NO ₃	12.524	very high pollution
Čab	Ca+Mg, Mg, NO ₃	1.145	medium pollution
Cabaj - Čápor	MIN, ChSK _{Mn} , Ca+Mg, Mg, Mn, NO ₃	4.169	medium pollution
Čakajovce	MIN, Ca+Mg, Mg, Fe, Mn, NO ₃	1.800	medium pollution
Čechynce	MIN, Ca+Mg, Mg, Fe, Mn, NO ₃	6.994	high pollution
Čeľadice	Ca+Mg, Mg, NO ₃	1.074	medium pollution
Čífare	Mg, NO ₃	0.693	low pollution
Dolné Obdokovce	MIN, Ca+Mg, Mg, NO ₃	1.318	medium pollution
Golianovo	MIN, Ca+Mg, Mg, NO ₃	0.974	low pollution

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limit value: law No. 220/2004, sandy-loamy, loamy soil type

Cr	0.065	low pollution
Cr	0.038	low pollution
	0.000	no pollution
Cd, Cr, Pb, Zn	3.499	high pollution
	0.000	no pollution
Cd,	2.760	high pollution
Co, Cr	0.557	medium pollution
Cr	0.273	low pollution
Cr	0.068	low pollution
Cd, Hg	16.004	very high pollution
Cd, Cr, Pb, Zn	2.610	high pollution
Cr	0.067	low pollution
Cd,	3.396	high pollution
As, Cd, Hg	12.210	very high pollution
Cr	0.270	low pollution
Cr	0.135	low pollution
Cr	0.185	low pollution
Cr	0.102	low pollution
	0.000	no pollution
	0.000	no pollution
Cd,Co	0.689	medium pollution
Cr	0.069	low pollution
Cr	0.071	low pollution
	0.000	no pollution
Co, Cr	0.400	low pollution
Cr	0.135	low pollution
Cr	0.293	low pollution
Cd, Co, Cr	2.891	high pollution
Cd, Co, Cr	1.969	high pollution
Cr	0.402	low pollution
Cd, Co, Cr	0.959	medium pollution
Cd, Co, Cr	1.822	high pollution
Cr	0.294	low pollution
Cr	0.158	low pollution
Cr	0.290	low pollution
Cd, Co, Cr	0.713	medium pollution

Evaluated environmental indicators - Nitra region

GROUNDWATER

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 excess of limits for drinking water for Ca, Mg, Ca+Mg - **green** color value below lower limit, **red** color higher than upper limit

limit value: NV MZ SR 496/2010

Host'ová	MIN, Ca+Mg, Mg , NO ₃	0.810	low pollution
Hruboňovo	MIN, Ca+Mg, Mg , NO ₃	0.835	low pollution
Ivanka pri Nitre	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn, NO ₃	10.405	very high pollution
Jarok	MIN, Ca+Mg, Mg , Mn, NO ₂ , NO ₃	5.305	high pollution
Jelenec		0.000	no pollution
Jelšovce	MIN, Ca+Mg, Mg , Mn, NO ₃	1.096	medium pollution
Kapince	MIN, Ca+Mg, Mg , Mn, NO ₃	1.381	medium pollution
Klasov	Ca+Mg, Mg , NO ₃	1.147	medium pollution
Kolíňany	Ca+Mg, Mg , NO ₃	0.272	low pollution
Lefantovce	Mg	0.000	no pollution
Lehota	MIN, Ca+Mg, Mg , Mn, NO ₃	4.091	medium pollution
Lúčnica nad Žitavou	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn, NO ₃	1.627	medium pollution
Ľudovítová	MIN, Ca+Mg, Mg , NO ₃ ,	0.812	low pollution
Lukáčovce	Mg , NO ₃	0.909	low pollution
Lužianky	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	2.588	medium pollution
Malé Chyndice	Ca+Mg, Mg , Mn, NO ₃	1.059	medium pollution
Malé Zálužie	MIN, Ca+Mg, Mg , NO ₃	0.960	low pollution
Malý Cetín	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	7.243	high pollution
Malý Lapáš	MIN, Ca+Mg, Mg , NO ₃	1.372	medium pollution
Melek	MIN, Ca+Mg, Mg , NO ₃	0.928	low pollution
Mojmírovce	MIN, ChSK _{Mn} , Ca+Mg, Mg , NO ₃	3.429	medium pollution
Nitra	Ca+Mg, Mg , Fe, Mn, NO ₃	2.840	medium pollution
Nitrianske Hrnčiarovce	Mg , NO ₃	0.515	low pollution
Nová Ves nad Žitavou	Mg, Mn , NO ₃	4.029	medium pollution
Nové Sady	Ca+Mg, Mg , NO ₃	1.062	medium pollution
Paňa	Ca+Mg, Mg , NO ₃	0.738	low pollution
Podhorany	Mg	0.000	no pollution
Pohranice	Ca+Mg, Mg , NO ₃	0.680	low pollution
Poľný Kesov	MIN, ChSK _{Mn} , Ca+Mg, Mg , Mn, NO ₃	3.561	medium pollution
Rišňovce	Ca+Mg, Mg , NO ₃	1.424	medium pollution
Rumanová	Ca+Mg, Mg , Mn, NO ₃	1.513	medium pollution
Štefanovičová	MIN, ChSK _{Mn} , Ca+Mg, Mg , Mn, NO ₃	4.772	medium pollution
Šurianky	MIN, Ca+Mg, Mg , NO ₃	1.106	medium pollution
Svätoplukovo	MIN, ChSK _{Mn} , Ca+Mg, Mg , NO ₃	3.010	medium pollution
Tajná	Ca+Mg, Mg , Mn, NO ₃	2.025	medium pollution
Telince	MIN, Ca+Mg, Mg , NO ₃	0.995	low pollution

SOIL

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limit value: law No. 220/2004, sandy-loamy, loamy soil type

Cr	0.270	low pollution
Cd, Co, Cr	1.429	high pollution
Cd, Co, Cr	1.732	high pollution
Cr	0.303	low pollution
Cr	0.098	low pollution
Cd, Co, Cr	0.899	medium pollution
Cd, Co, Cr	1.148	high pollution
Cr	0.271	low pollution
Cr	0.239	low pollution
Cr	0.082	low pollution
Cr	0.267	low pollution
Cd, Co, Cr	2.064	high pollution
Cd, Co, Cr	0.979	medium pollution
Cr	0.893	medium pollution
Cr	0.188	low pollution
Cr	0.274	low pollution
Cd, Co, Cr	1.669	high pollution
Cd, Co, Cr	2.252	high pollution
Cr	0.255	low pollution
Cd, Co, Cr	1.107	high pollution
Co, Cr	0.259	low pollution
Cr	0.216	low pollution
Cr	0.201	low pollution
Cr	0.220	low pollution
Cd, Co, Cr	1.516	high pollution
Cd, Co, Cr	1.921	high pollution
Cr	0.124	low pollution
Cr	0.242	low pollution
Cr	0.236	low pollution
Cr	0.325	low pollution
Cr	0.213	low pollution
Cd, Co, Cr	1.644	high pollution
Cd, Co, Cr	1.873	high pollution
Cr	0.351	low pollution
Cr	0.172	low pollution
Cr	0.170	low pollution

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Veľká Dolina	MIN, ChSK _{Mn} , Ca+Mg, Mg , NO ₂ , NO ₃	3.357	medium pollution
Veľké Chyndice	Mg , Mn, NO ₃	2.723	medium pollution
Veľké Zálužie	MIN, Ca+Mg, Mg , Mn, NO ₂ , NO ₃	3.051	medium pollution
Veľký Cetín	MIN, Ca+Mg, Mg , Mn, NO ₃	4.221	medium pollution
Veľký Lapáš	MIN, Ca+Mg, Mg , NO ₃	1.372	medium pollution
Vinodol	MIN, ChSK _{Mn} , Ca+Mg, Mg , Mn, NO ₃	2.925	medium pollution
Vráble	Ca+Mg, Mg , Mn, NO ₃	1.927	medium pollution
Výčapy - Opatovce	MIN, Ca+Mg, Mg , NO ₃	0.748	low pollution
Zbehy	Ca+Mg, Mg , Mn, NO ₃	1.165	medium pollution
Žirany		0.000	no pollution
Žitavce	MIN, Ca+Mg, Mg , NO ₃	1.209	medium pollution
district Nové Zámky			
Andovce	Mg , Fe, Mn	14.842	very high pollution
Bajtava	MIN, Ca+Mg, Mg , NO ₃	1.086	medium pollution
Bánov	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn, NO ₃	12.468	very high pollution
Bardoňovo	Ca+Mg, Mg , NO ₃	0.754	low pollution
Belá	MIN, Ca+Mg, Mg , NO ₃	2.121	medium pollution
Bešeňov	MIN, ChSK _{Mn} , Ca+Mg, Mg , Mn, NH ₄ , NO ₃	5.584	high pollution
Bíňa	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn, NO ₃	13.348	very high pollution
Branovo	MIN, ChSK _{Mn} , Ca+Mg, Mg , NO ₃	2.681	medium pollution
Bruty	MIN, Ca+Mg, Mg , NO ₃	2.457	medium pollution
Čechy	MIN, Ca+Mg, Mg , NO ₃	1.949	medium pollution
Černík	MIN, ChSK _{Mn} , Ca+Mg, Mg, Mn , NO ₃	2.928	medium pollution
Chľaba	MIN, Ca+Mg, Mg , NO ₃	0.689	low pollution
Dedinka	Ca+Mg, Mg , NO ₃	0.827	low pollution
Dolný Ohaj	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn, NO ₃	10.119	very high pollution
Dubník	MIN, Ca+Mg, Mg , NO ₃	1.480	medium pollution
Dvory nad Žitavou	MIN, Ca+Mg, Mg , Mn, NO ₃	2.173	medium pollution
Gbelce	MIN, ChSK _{Mn} , Ca+Mg, Mg , Mn, NO ₃	3.137	medium pollution
Hul	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	7.867	high pollution
Jasová	Ca+Mg, Mg , NO ₃	1.157	medium pollution
Jatov	MIN, Ca+Mg, Mg , Mn, NO ₂ , NO ₃	3.630	medium pollution
Kamenica nad Hronom	MIN, Ca+Mg, Mg , NO ₃	1.128	medium pollution
Kamenín	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	4.962	medium pollution
Kamenný Most	MIN, Ca+Mg, Mg , NO ₃	1.820	medium pollution
Kmeťovo	MIN, ChSK _{Mn} , Ca+Mg, Mg , Mn, NO ₃	1.858	medium pollution

SOIL

I_{ERs} - index of environmental risk for soil;
 soil quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10

limit value: law No. 220/2004, sandy-loamy, loamy soil type

Cr	0.516	medium pollution
Cr	0.257	low pollution
Cr	0.271	low pollution
Cd, Co, Cr	2.691	high pollution
Cr	0.271	low pollution
Cd, Co, Cr	3.286	high pollution
Cr	0.214	low pollution
Cd, Co, Cr	0.944	medium pollution
Cd, Co, Cr	0.959	medium pollution
Cr	0.142	low pollution
Cd, Co, Cr	1.621	high pollution
Cr	0.389	low pollution
	0.000	no pollution
Cr	0.205	low pollution
Cr	0.286	low pollution
Cr	0.169	low pollution
Cr	0.275	low pollution
Cr	0.120	low pollution
Cr	0.292	low pollution
Cr	0.231	low pollution
Cr	0.330	low pollution
Cd, Co	3.405	high pollution
	0.000	no pollution
Cr	0.313	low pollution
Cr	0.276	low pollution
Cr	0.231	low pollution
Cr	0.209	low pollution
Cr	0.153	low pollution
Co, Cr	0.780	medium pollution
Cr	0.273	low pollution
Cr	0.117	low pollution
	0.000	no pollution
Cr	0.137	low pollution
Cr	0.119	low pollution
Cd, Co, Cr	2.425	high pollution

Evaluated environmental indicators - Nitra region

GROUNDWATER

I_{ERGw} - index of environmental risk for groundwater;
 groundwater quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10;
 excess of limits for drinking water for Ca, Mg, Ca+Mg - **green** color value below lower limit, **red** color higher than upper limit

limit value: NV MZ SR 496/2010

Koľta	MIN, Ca+Mg, Mg , NO ₃	1.386	medium pollution
Komjatice	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn, NH ₄ , NO ₃	9.869	high pollution
Komoča	ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn	22.191	very high pollution
Leľa	MIN, Ca+Mg, Mg , NO ₃	1.015	medium pollution
Lipová	ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn	15.565	very high pollution
Ľubá	MIN, Ca+Mg, Mg , NO ₃	2.253	medium pollution
Malá nad Hronom	MIN, Ca+Mg, Mg , NO ₃	1.495	medium pollution
Malé Kosihy	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	7.179	high pollution
Maňa	MIN, ChSK _{Mn} , Ca+Mg, Mg , Mn, NO ₃	1.819	medium pollution
Michal nad Žitavou	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn, NO ₃	1.717	medium pollution
Mojzesovo	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn, NO ₃	7.837	high pollution
Mužla	MIN, ChSK _{Mn} , Ca+Mg, Mg , Mn, NO ₃	1.811	medium pollution
Nána	MIN, ChSK _{Mn} , Ca+Mg, Mg , NO ₃	1.499	medium pollution
Nová Vieska	MIN, Ca+Mg, Mg , NO ₃	2.435	medium pollution
Nové Zámky	Ca+Mg, Mg , Fe, Mn	10.274	very high pollution
Obid	MIN, ChSK _{Mn} , Ca+Mg, Mg , NO ₃	2.635	medium pollution
Palárikovo	Fe, Mn	16.272	very high pollution
Pavlová	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	15.944	very high pollution
Podhájska	MIN, Ca+Mg, Mg , Mn, NO ₃	1.635	medium pollution
Pozba	Ca+Mg , Mn, NO ₃	0.933	low pollution
Radava	MIN, Ca+Mg, Mg , Mn, NO ₃	1.877	medium pollution
Rastislavice	MIN, Ca+Mg, Mg , Mn, NO ₃	2.739	medium pollution
Rúbaň	Ca+Mg, Mg , NO ₃	1.238	medium pollution
Salka	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	4.350	medium pollution
Šarkan	MIN, Ca+Mg, Mg , Mn, NO ₃	2.908	medium pollution
Semerovo	MIN, Ca+Mg, Mg , NO ₃	2.199	medium pollution
Sikenička	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	17.127	very high pollution
Strekov	Ca+Mg, Mg , NO ₃	1.054	medium pollution
Štúrovo	MIN, Ca+Mg, Mg , NO ₃	1.614	medium pollution
Šurany	ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn	12.036	very high pollution
Svodín	MIN, Ca+Mg, Mg , Mn, NO ₃	3.372	medium pollution
Trávnica	MIN, Ca+Mg, Mg , Mn, NO ₃	1.135	medium pollution
Tvrdošovce	Mg , Fe, Mn	7.275	high pollution
Úľany nad Žitavou	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn, NO ₃	17.246	very high pollution
Veľké Lovce	Ca+Mg, Mg , NO ₃	1.450	medium pollution
Veľký Kýr	MIN, ChSK _{Mn} , Ca+Mg, Mg , Mn, NH ₄ , NO ₃	7.864	high pollution

SOIL

I_{ERS} - index of environmental risk for soil;
 soil quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10

limit value: law No. 220/2004, sandy-loamy, loamy soil type

Cr	0.299	low pollution
Cd, Co, Cr	0.894	medium pollution
Cr, Se	0.534	medium pollution
	0.000	no pollution
Cr	0.234	low pollution
Cr	0.181	low pollution
Cr	0.038	low pollution
Cr	0.001	low pollution
Cd, Co, Cr	2.202	high pollution
Cd, Co, Cr	2.843	high pollution
Cd, Co, Cr	1.366	high pollution
Cr	0.086	low pollution
Cr	0.024	low pollution
Cr	0.160	low pollution
Cr	0.221	low pollution
Cr	0.044	low pollution
Cr	0.306	low pollution
Cr	0.076	low pollution
Co, Cr	0.639	medium pollution
Cr	0.294	low pollution
Co, Cr	0.510	medium pollution
Cr	0.267	low pollution
Cr	0.220	low pollution
Cr	0.003	low pollution
Cr	0.216	low pollution
Cr	0.296	low pollution
Cr	0.015	low pollution
Cr	0.179	low pollution
	0.000	no pollution
Cr	0.213	low pollution
Cr	0.227	low pollution
Cd, Co, Cr	1.454	high pollution
Cr	0.207	low pollution
Co, Cr	0.565	medium pollution
Cr	0.340	low pollution
Cd, Co, Cr	2.289	high pollution

Evaluated environmental indicators - Nitra region

GROUNDWATER

I_{ERGw} - index of environmental risk for groundwater;
 groundwater quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10;
 excess of limits for drinking water for Ca, Mg, Ca+Mg - **green** color value below lower limit, **red** color higher than upper limit

limit value: NV MZ SR 496/2010

Vlkas	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	2.619	medium pollution
Zemné	Mg , Fe, Mn	19.045	very high pollution
district Šaľa			
Diakovce	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	19.305	very high pollution
Dlhá nad Váhom	Ca+Mg, Mg , Fe, Mn, NO ₂	13.955	very high pollution
Hájske	Ca+Mg, Mg , Mn, NO ₂ , NO ₃	4.454	medium pollution
Horná Kráľová	Mg , NO ₂ , NO ₃	1.602	medium pollution
Kráľová nad Váhom	Ca+Mg, Mg , Fe, Mn, NO ₂	13.331	very high pollution
Močenok	Ca+Mg, Mg , Mn, NO ₂ , NO ₃	2.698	medium pollution
Neded	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn	24.167	very high pollution
Šaľa	MIN, Ca+Mg, Mg , Fe, Mn, NH ₄ , SO ₄ , NO ₂ , NO ₃	22.291	very high pollution
Selice	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	12.792	very high pollution
Tešedíkovo	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	20.293	very high pollution
Trnovec nad Váhom	MIN, Ca+Mg, Mg , Fe, Mn, NH ₄ , NO ₂ , NO ₃	11.071	very high pollution
Vičany	MIN, ChSK _{Mn} , Ca+Mg, Mg , Fe, Mn	22.405	very high pollution
Žihárec	MIN, Ca+Mg, Mg , Fe, Mn	20.602	very high pollution
district Topoľčany			
Ardanovce	Mg , NO ₃	0.046	low pollution
Belince	MIN, Ca+Mg, Mg , NO ₃	0.828	low pollution
Biskupová	MIN, Ca+Mg, Mg , Mn, NO ₃	1.525	medium pollution
Blesovce	Ca+Mg, Mg , NO ₃ , Cd	1.156	medium pollution
Bojná		0.000	no pollution
Čeladince	Mg , Fe, Mn, NO ₃	1.179	medium pollution
Čermany	MIN, Ca+Mg, Mg , NO ₃	0.896	low pollution
Chrabrany	Ca+Mg, Mg , Fe, Mn, NO ₃	1.688	medium pollution
Dvorany nad Nitrou	MIN, Ca+Mg, Mg , NO ₃	0.791	low pollution
Hajná Nová Ves	MIN, Ca+Mg, Mg , NO ₃ , Cd	0.456	low pollution
Horné Chlebany	Ca+Mg, Mg , Fe, Mn, NO ₃	4.145	medium pollution
Horné Obdokovce	MIN, Ca+Mg, Mg , NO ₃	0.615	low pollution
Horné Štitáre	MIN, Ca+Mg, Mg , NO ₃	0.479	low pollution
Hrušovany	MIN, Ca+Mg, Mg , NO ₃	0.667	low pollution
Jacovce	Mg , NO ₃	0.291	low pollution
Kamanová	MIN, Ca+Mg, Mg , NO ₃	0.843	low pollution
Koniarovce	MIN, Ca+Mg, Mg , NO ₃	0.669	low pollution
Kovarce		0.000	no pollution
Krnča	ChSK _{Mn}	0.001	low pollution
Krtovce	Ca+Mg, Mg , NO ₃	0.188	low pollution

SOIL

I_{ERS} - index of environmental risk for soil;
 soil quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10

limit value: law No. 220/2004, sandy-loamy, loamy soil type

Cd, Co, Cr	1.684	high pollution
Cr	0.357	low pollution
Cr	0.116	low pollution
Cr	0.764	medium pollution
Cr	0.095	low pollution
Cr	0.504	medium pollution
Cr	0.109	low pollution
Cr	1.028	high pollution
Cr	0.226	low pollution
Cr	0.450	low pollution
Cr	0.089	low pollution
Cr	0.186	low pollution
Cr	0.531	medium pollution
Cr	0.171	low pollution
Cr	0.236	low pollution
Cr	0.264	low pollution
Cr	0.211	low pollution
Co, Cr	0.910	medium pollution
Cr	0.268	low pollution
Cr	0.189	low pollution
Cr	0.137	low pollution
Co, Cr	0.353	low pollution
Cr	0.238	low pollution
Cr	0.240	low pollution
Cr	0.316	low pollution
Cr	0.181	low pollution
Cr	0.324	low pollution
Cr	0.334	low pollution
Co, Cr	0.530	medium pollution
Cr	0.213	low pollution
Cr	0.239	low pollution
Co, Cr	0.641	medium pollution
Cr	0.022	low pollution
	0.000	no pollution
Cr	0.315	low pollution

Evaluated environmental indicators - Nitra region

GROUNDWATER

I_{ERGw} - index of environmental risk for groundwater;
 groundwater quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10;
 excess of limits for drinking water for Ca, Mg, Ca+Mg - **green** color value below lower limit, **red** color higher than upper limit

limit value: NV MZ SR 496/2010

Krušovce	MIN, Ca+Mg, Mg , Fe, Mn, NO ₃	4.390	medium pollution
Kuzmice	NO ₃	0.380	low pollution
Lipovník	Mg , Mn, NO ₃ , Cd	0.244	low pollution
Ludanice	MIN, Ca+Mg, Mg , NO ₃	0.851	low pollution
Lužany	Ca+Mg, Mg , NO ₃	0.217	low pollution
Malé Ripňany	MIN, Ca+Mg, Mg , Mn, NO ₃	1.357	medium pollution
Nemčice	Ca+Mg, Mg , Mn, NO ₃	1.575	medium pollution
Nemečky	Mn	0.514	low pollution
Nitrianska Blatnica	Mg , Mn, NO ₃	0.338	low pollution
Nitrianska Streda	Fe, Mn, NO ₃	0.609	low pollution
Norovce	Mg , Fe, Mn, NO ₃	1.803	medium pollution
Oponice	Mg , NO ₃	0.079	low pollution
Orešany	Ca+Mg, Mg , Mn, NO ₃	0.360	low pollution
Podhradie		0.000	no pollution
Prašice		0.000	no pollution
Práznovce	Mn	0.754	low pollution
Preseľany	MIN, Ca+Mg, Mg , NO ₃	0.683	low pollution
Radošina	Mg , Mn, NO ₃	0.455	low pollution
Rajčany	Mg , Fe, Mn, NO ₃	3.184	medium pollution
Šalgovce	Ca+Mg, Mg , NO ₃	0.142	low pollution
Solčany	Mn	0.455	low pollution
Solčianky	Ca+Mg, Mg , Fe, Mn, NO ₃	0.915	low pollution
Súľovce		0.000	no pollution
Svrbice	Ca+Mg, Mg , Mn	0.118	low pollution
Tesáre	Mg	0.000	no pollution
Topoľčany	Ca+Mg, Mg , Fe, Mn, NO ₃	2.624	medium pollution
Tovarníky	Ca+Mg, Mg , Mn, NO ₃	1.963	medium pollution
Tvrdomestice	Fe, Mn	0.855	low pollution
Urmince	ChSK _{Mn} , Ca+Mg, Mg , NO ₃	0.721	low pollution
Veľké Dvorany	ChSK _{Mn} , Ca+Mg, Mg , NO ₃ , Cd	0.824	low pollution
Veľké Ripňany	Ca+Mg , Mn, NO ₃	0.447	low pollution
Velušovce		0.000	no pollution
Vozokany	Mg , Mn	0.355	low pollution
Závada		0.000	no pollution
district Zlaté Moravce			
Beladice	ChSK _{Mn} , Ca+Mg, Mg , Mn, NO ₃	1.255	medium pollution
Čaradice		0.458	low pollution

SOIL

I_{ERs} - index of environmental risk for soil;
 soil quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10

limit value: law No. 220/2004, sandy-loamy, loamy soil type

Cr	0.173	low pollution
Cr	0.236	low pollution
Cr	0.212	low pollution
Cr	0.255	low pollution
Cr	0.351	low pollution
Cr	0.328	low pollution
Cr	0.256	low pollution
Cr	0.137	low pollution
Cr	0.210	low pollution
Cr	0.051	low pollution
Cr	0.184	low pollution
Cr	0.089	low pollution
Cr	0.321	low pollution
Cr	0.122	low pollution
Cr	0.142	low pollution
Cr	0.011	low pollution
Co, Cr	0.282	low pollution
Cr	0.237	low pollution
Cr	0.188	low pollution
Cr	0.295	low pollution
Cr	0.029	low pollution
Cr	0.194	low pollution
Cr	0.021	low pollution
Cr	0.306	low pollution
Cr	0.174	low pollution
Cr	0.193	low pollution
Cr	0.212	low pollution
Cr	0.165	low pollution
Cr	0.297	low pollution
Cr	0.284	low pollution
Cr	0.341	low pollution
Cr	0.154	low pollution
Cr	0.207	low pollution
Cr	0.129	low pollution
Cr	0.274	low pollution
Cd,	4.188	high pollution

Evaluated environmental indicators - Nitra region

GROUNDWATER

I_{ERGw} - index of environmental risk for groundwater;
 groundwater quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10;
 excess of limits for drinking water for Ca, Mg, Ca+Mg - **green** color value below lower limit, **red** color higher than upper limit

limit value: NV MZ SR 496/2010

Červený Hrádok	Mg, NO ₃	0.440	low pollution
Choča	ChSK _{Mn} , Ca+Mg, Mg, Mn, NO ₃	2.180	medium pollution
Čierne Kľačany		0.000	no pollution
Hostie		0.000	no pollution
Host'ovce	Mn, Pb	1.204	medium pollution
Jedľové Kostoľany	Mg, Fe	0.901	low pollution
Kostoľany pod Tribečom		0.000	no pollution
Ladice	Mn	1.790	medium pollution
Lovce		0.000	no pollution
Machulince		0.000	no pollution
Malé Vozokany	Mg, NO ₃	0.312	low pollution
Mankovce	Mn, Pb	5.352	high pollution
Martin nad Žitavou	Mn	4.490	medium pollution
Nemčiňany	Mg, NO ₃ ,	0.679	low pollution
Neverice	ChSK _{Mn} , Ca+Mg, Mg, Mn, NO ₃	1.764	medium pollution
Nevidzany	Mg, Mn, NO ₃	1.685	medium pollution
Obyce	Ca+Mg, Ca, Mg	0.000	no pollution
Skýcov		0.000	no pollution
Sľažany	Mg, Mn, NO ₃	5.433	high pollution
Slepčany	Mg, Mn, NO ₃	2.725	medium pollution
Tekovské Nemce	Mn	0.176	low pollution
Tesárske Mlyňany	Ca+Mg, Mg, NO ₃	0.898	low pollution
Topoľčianky		0.000	no pollution
Velčice	Mn	0.910	low pollution
Veľké Vozokany	Mg, NO ₃	0.198	low pollution
Vieska nad Žitavou	Mg, NO ₃	0.752	low pollution
Volkovce	Mn	0.151	low pollution
Žikava		0.000	no pollution
Zlaté Moravce		0.000	no pollution
Zlatno	Mg	0.000	no pollution

SOIL

I_{ERS} - index of environmental risk for soil;
 soil quality: no pollution 0; low pollution >0 ≤ 1; medium pollution >1 ≤ 5; high pollution >5 ≤ 10; very high pollution >10

limit value: law No. 220/2004, sandy-loamy, loamy soil type

Cr	0.176	low pollution
Cr	0.259	low pollution
Cd, Cr	0.258	low pollution
	0.000	no pollution
Cr	0.008	low pollution
	0.000	no pollution
	0.000	no pollution
Cr	0.132	low pollution
	0.000	no pollution
	0.000	no pollution
Cr	0.168	low pollution
Cr	0.074	low pollution
Cr	0.171	low pollution
Cd, Cr	7.081	very high pollution
Cr	0.237	low pollution
Cr	0.166	low pollution
	0.000	no pollution
	0.000	no pollution
Cr	0.201	low pollution
Cr	0.231	low pollution
Cd,	5.434	very high pollution
Cr	0.229	low pollution
Cr	0.009	low pollution
	0.000	no pollution
Cr	0.174	low pollution
Cr	0.219	low pollution
Cd, Cr	4.496	high pollution
Cr	0.011	low pollution
Cr	0.056	low pollution
	0.000	no pollution